

Date: December 2, 2014

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works
Subject: SS-4905BI Old Oxford Road at Danube Lane NCDOT Improvements

Executive Summary

The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to make improvements at the intersection of Old Oxford Highway with Danube Lane. A left turn lane will be constructed on east bound Old Oxford Highway allowing a north bound movement onto Danube Lane, along with a new traffic signal and installation of sidewalk along the North side of Old Oxford Road (see Attachment B). The project requires the relocation of existing City of Durham water utilities that are within the project boundaries and for which the City is financially responsible to relocate. The utility relocations and sidewalk installation will be performed by the contractor for NCDOT. The City will reimburse NCDOT for 100% of the cost of the utility relocation and 50% of the sidewalk installation cost as governed by the Construction Agreement attached (Attachment A).

Recommendation

The Administration recommends that the City Council authorize the City Manager to execute a Construction Agreement with NCDOT for the relocation of City water utilities and the installation of sidewalk associated with NCDOT improvements on Old Oxford Highway at Danube Lane (SS-4905BI); authorize the expenditure of \$31,000.00 from the Water Extensions and Improvements fund for the utility relocation; establish a contingency fund from the Water Extensions and Improvements fund in the amount of \$3,100.00 (10%); and authorize the expenditure of \$5,750.00 from the Transportation CIP Fed/State Matching fund for sidewalk installation; total expenditure not to exceed \$39,850.00.

Background

NCDOT designed improvements to the intersection of Old Oxford Highway (SR 1004) and Danube Lane (SR 1648) in accordance with the Spot Safety Project program. This item was approved by NCDOT on July 12, 2012 with an anticipated let date of February 2015. The work involves the installation of a new traffic signal and turn lane to improve traffic flow in response to an increased level of use. The work also includes the installation of sidewalk along the North side of Old Oxford Road. City of Durham water utilities are located within the boundaries of the project.

Issues/Analysis

The project will require the relocation and adjustment of City water utilities located within NCDOT right-of-way and include the installation of sidewalk on the north side of Old Oxford Road.

Alternatives

The Council can choose to authorize the City Manager to execute the Construction Agreement. The Council can choose to not authorize the Manager to approve the

Construction Agreement, in which case the proposed NCDOT project will not be able to move forward.

Financial Impact

The maximum reimbursement cost to NCDOT for the water utility relocations and adjustments is \$34,100 for SS-4905BI. The cost to reimburse NCDOT for the sidewalk installation is \$5,750.00. The funds are currently available for this agreement in the following accounts:

Water Extensions and Improvements:	4100P007-731000-P0AB6	\$ 31,000.00
	4100P007-731900-P0AB6	\$ 3,100.00
Transportation CIP Fed/State Matching:	3612L990-732000-LC180	\$ 5,750.00
	Total	\$ 39,850.00

Estimated Utility Relocation & Sidewalk Installation Betterments

Description of Betterments	City of Durham
Old Oxford Water Line Relocation & Adjustments 100%	\$ 31,000.00
Contingency 10%	\$ 3,100.00
Sidewalk Installation 50%	\$ 5,750.00
Total	\$ 39,850.00

SDBE Requirements

This section is not applicable to the item.